EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	match$4 same quer$4 same correlat$4 same predicat$4 same translat$4 same context$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 18:00
L2	1	match$4 same quer$4 same correlat$4 same predicat$4 same translat$4 same context$1 same outlier$1 same materializ$4 same join$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 18:01
L3	1	(match$4 same quer$4 same correlat$4 same predicat$4 same translat$4 same context$1) and (outlier$1 same materializ$4 same join$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 18:01

P RTAL

USPTO

Search: ☉ The ACM Digital Library   ☊ The Guide

match$4 same quer$4 same correlat$4 same predicat$4 same

THE ACM DIGITAL LIBRARY

☞ Feedback Report a problem Satisfaction survey

Terms used   Found **133,545**
match$4 same quer$4 same correlat$4 same predicat$4 same translat$4 same context$1   of **198,146**

Sort results by   [relevance ▼]   ❖ Save results to a Binder   Try an Advanced Search
                                                                                    Try this search in The ACM Guide
Display results   [expanded form ▼]   ⑦ Search Tips
                                        ☐ Open results in a new window

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next
Best 200 shown   Relevance scale ☐ ▭ ▬ ▰ ■

1 Enhancing visual interaction: A system for supporting and managing same-time/different-place group interactions
   Pedro A. Antunes
   May 1998 **Proceedings of the working conference on Advanced visual interfaces AVI '98**
   Publisher: ACM Press
   Full text available: 🗎 pdf(1.68 MB)   Additional Information: full citation, abstract, references

   This paper describes a user-interface system developed to support group interactions for
   same-time/different-place cooperative applications. We address three fundamental
   aspects of these kind of systems: information sharing, coordination and multiuser-
   interface. The proposed approach defines four types of objects. *Contents* store application
   data. *Containers* are dedicated to organise and structure application data. *Connections*
   manage group coordination. And, finally, *Monit ...*

   Keywords: *CSCW, group interaction*

2 Waiting algorithms for synchronization in large-scale multiprocessors
   Beng-Hong Lim, Anant Agarwal
   August 1993 **ACM Transactions on Computer Systems (TOCS),** Volume 11 Issue 3
   Publisher: ACM Press
   Full text available: 🗎 pdf(2.72 MB)   Additional Information: full citation, abstract, references, citings, index terms

   Through analysis and experiments, this paper investigates two-phase waiting algorithms
   to minimize the cost of waiting for synchronization in large-scale multiprocessors. In a
   two-phase algorithm, a thread first waits by polling a synchronization variable. If the cost
   of polling reaches a limit Lpoll and further waiting is necessary, the thread is blocked,
   incurring an additional fixed cost, B. The choice of Lpoll
   Keywords: barriers, blocking, competitive analysis, locks, producer-consumer
   synchronization, spinning, waiting time

3 Shape-based retrieval and analysis of 3D models
   Thomas Funkhouser, Michael Kazhdan
   August 2004 **ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04**
   Publisher: ACM Press
   Full text available: 🗎 pdf(12.56 MB)   Additional Information: full citation, abstract

Large repositories of 3D data are rapidly becoming available in several fields, including mechanical CAD, molecular biology, and computer graphics. As the number of 3D models grows, there is an increasing need for computer algorithms to help people find the interesting ones and discover relationships between them. Unfortunately, traditional text-based search techniques are not always effective for 3D models, especially when queries are geometric in nature (e.g., find me objects that fit into thi ...

4 **Existential second-order logic over graphs: Charting the tractability frontier**
Georg Gottlob, Phokion G. Kolaitis, Thomas Schwentick
March 2004 **Journal of the ACM (JACM)**, Volume 51 Issue 2

Publisher: ACM Press

Full text available: pdf(409.27 KB)   Additional Information: full citation, abstract, references, index terms

Fagin's theorem, the first important result of descriptive complexity, asserts that a property of graphs is in NP if and only if it is definable by an existential second-order formula. In this article, we study the complexity of evaluating existential second-order formulas that belong to *prefix classses* of existential second-order logic, where a prefix class is the collection of all existential second-order formulas in prenex normal form such that the second-order and the first-order quan ...

Keywords: Existential second-order logic, NP-complete problems, finite model theory, graph coloring, graph constraints, prefix classes

5 **Fast detection of communication patterns in distributed executions**
Thomas Kunz, Michiel F. H. Seuren
November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research CASCON '97**

Publisher: IBM Press

Full text available: pdf(4.21 MB) .   Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

6 **Special issue: Game-playing programs: theory and practice**
M. A. Bramer
April 1982 **ACM SIGART Bulletin**, Issue 80

Publisher: ACM Press

Full text available: pdf(9.23 MB)   Additional Information: full citation, abstract

This collection of articles has been brought together to provide SIGART members with an overview of Artificial Intelligence approaches to constructing game-playing programs. Papers on both theory and practice are included.

7 **Escape analysis for Java™: Theory and practice**
Bruno Blanchet
November 2003 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 25 Issue 6

Publisher: ACM Press

Full text available: pdf(684.21 KB)   Additional Information: full citation, abstract, references, citings, index terms, review

Escape analysis is a static analysis that determines whether the lifetime of data may exceed its static scope.This paper first presents the design and correctness proof of an escape analysis for Java™. This analysis is interprocedural, context sensitive, and as flow-

sensitive as the static single assignment form. So, assignments to object fields are analyzed in a flow-insensitive manner. Since Java is an imperative language, the effect of assignments must be precisely determined. Thi ...

Keywords: Java, optimization, stack allocation, static analysis, synchronization elimination
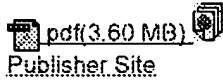
8 A model for multimodal reference resolution
Luis Pineda, Gabriela Garza
June 2000 **Computational Linguistics**, Volume 26 Issue 2
Publisher: MIT Press
Full text available: pdf(3.60 MB) Additional Information: full citation, abstract, references
Publisher Site

An important aspect of the interpretation of multimodal messages is the ability to identify when the same object in the world is the referent of symbols in different modalities. To understand the caption of a picture, for instance, one needs to identify the graphical symbols that are referred to by names and pronouns in the natural language text. One way to think of this problem is in terms of the notion of anaphora; however, unlike linguistic anaphoric inference, in which antecedents for pronou ...

9 The Web as a parallel corpus
Philip Resnik, Noah A. Smith
September 2003 **Computational Linguistics**, Volume 29 Issue 3
Publisher: MIT Press
Full text available: pdf(539.83 KB) Additional Information: full citation, abstract, references, citings, index terms

Parallel corpora have become an essential resource for work in multilingual natural language processing. In this article, we report on our work using the STRAND system for mining parallel text on the World Wide Web,first reviewing the original algorithm and results and then presenting a set of significant enhancements. These enhancements include the use of supervised learning based on structural features of documents to improve classification performance, a new content-based measure of translati ...

10 Suffix vector: space- and time-efficient alternative to suffix trees
Krisztián Monostori, Arkady Zaslavsky, Heinz Schmidt
January 2002 **Australian Computer Science Communications , Proceedings of the twenty-fifth Australasian conference on Computer science - Volume 4 ACSC '02**, Volume 24 Issue 1
Publisher: Australian Computer Society, Inc., IEEE Computer Society Press
Full text available: pdf(935.18 KB) Additional Information: full citation, abstract, references, citings, index terms

Suffix trees are versatile data structures that are used for solving many string-matching problems. One of the main arguments against widespread usage of the structure is its space requirement. This paper describes a new structure called suffix vector, which is not only better in terms of storage space but also simpler than the most efficient suffix tree representation known to date. Alternatives of storage representations are discussed and a linear-time construction algorithm is also proposed i ...

Keywords: algorithm, data structure, suffix tree

11 A comparative analysis of methodologies for database schema integration
C. Batini, M. Lenzerini, S. B. Navathe
December 1986 **ACM Computing Surveys (CSUR)**, Volume 18 Issue 4

Publisher: ACM Press

Full text available: pdf(3.41 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

One of the fundamental principles of the database approach is that a database allows a nonredundant, unified representation of all data managed in an organization. This is achieved only when methodologies are available to support integration across organizational and application boundaries. Methodologies for database design usually perform the design activity by separately producing several schemas, representing parts of the application, which are subsequently merged. Database sc ...

12 Session 10: applications: Multigrain parallel Delaunay Mesh generation: challenges and opportunities for multithreaded architectures
Christos D. Antonopoulos, Xiaoning Ding, Andrey Chernikov, Filip Blagojevic, Dimitrios S. Nikolopoulos, Nikos Chrisochoides
June 2005 **Proceedings of the 19th annual international conference on Supercomputing ICS '05**
Publisher: ACM Press

Full text available: pdf(430.43 KB)   Additional Information: full citation, abstract, references

Given the importance of parallel mesh generation in large-scale scientific applications and the proliferation of multilevel SMT-based architectures, it is imperative to obtain insight on the interaction between meshing algorithms and these systems. We focus on Parallel Constrained Delaunay Mesh (PCDM) generation. We exploit coarse-grain parallelism at the subdomain level and fine-grain at the element level. This multigrain data parallel approach targets clusters built from low-end, commercially ...

13 Distributed computing: Can we elect if we cannot compare?
Lali Barrière, Paola Flocchin, Pierre Fraigniau, Nicola Santor
June 2003 **Proceedings of the fifteenth annual ACM symposium on Parallel algorithms and architectures SPAA '03**
Publisher: ACM Press

Full text available: pdf(268.52 KB)   Additional Information: full citation, abstract, references, index terms

The aim of this paper is to study the computational power of the qualitative model, where entities are given distinct labels which are however mutually incomparable; this model is opposed to the quantitative model, where labels are integers. The qualitative model captures, for example, the case when the labels are written in different alphabets (e.g., Cyrillic, Latin) and there is no a priori agreement on a common encoding. We investigate the qualitative model through the problem of leader electi ...

Keywords: anonymous networks, cayley graphs, distributed computing, election, mobile agents, rendezvous

14 The berkeley UNIX consultant project
Robert Wilensky, David N. Chin, Marc Luria, James Martin, James Mayfield, Dekai Wu
December 1988 **Computational Linguistics**, Volume 14 Issue 4
Publisher: MIT Press

Full text available: pdf(4.41 MB)   Additional Information: full citation, abstract, references, citings
Publisher Site

UC (UNIX Consultant) is an intelligent, natural language interface that allows naive users to learn about the UNIX[2] operating system. UC was undertaken because the task was thought to be both a fertile domain for artificial intelligence (AI) research and a useful application of AI work in planning, reasoning, natural language processing, and knowledge representation. The current implementation of UC comprises the following components: a language analyzer, called ALANA, produces a repre ...

15 Partial evaluation of pattern matching in constraint logic programming languages

Donald A. Smith

May 1991 **ACM SIGPLAN Notices , Proceedings of the 1991 ACM SIGPLAN symposium on Partial evaluation and semantics-based program manipulation PEPM '91**, Volume 26 Issue 9

Publisher: ACM Press

Full text available: pdf(957.80 KB)   Additional Information: full citation, references, citings, index terms

16 Semantic and schematic similarities between database objects: a context-based approach

Vipul Kashyap, Amit Sheth

December 1996 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 5 Issue 4

Publisher: Springer-Verlag New York, Inc.

Full text available: pdf(287.44 KB)   Additional Information: full citation, abstract, citings, index terms

> In a multidatabase system, schematic conflicts between two objects are usually of interest only when the objects have some semantic similarity. We use the concept of *semantic proximity*, which is essentially an *abstraction/mapping* between the domains of the two objects associated with the *context of comparison*. An explicit though partial context representation is proposed and the specificity relationship between contexts is defined. The contexts are organized as a meet semi-l ...

17 Parameterized object sensitivity for points-to analysis for Java

Ana Milanova, Atanas Rountev, Barbara G. Ryder

January 2005 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 14 Issue 1

Publisher: ACM Press

Full text available: pdf(413.26 KB)   Additional Information: full citation, abstract, references, citings, index terms

> The goal of *points-to analysis* for Java is to determine the set of objects pointed to by a reference variable or a reference object field. We present *object sensitivity*, a new form of context sensitivity for flow-insensitive points-to analysis for Java. The key idea of our approach is to analyze a method separately for each of the object names that represent run-time objects on which this method may be invoked. To ensure flexibility and practicality, we propose a parameterization f ...

> **Keywords:** Static analysis, class analysis, context sensitivity, def-use analysis, points-to analysis, side-effect analysis

18 Clustering: Near-duplicate detection by instance-level constrained clustering

Hui Yang, Jamie Callan

August 2006 **Proceedings of the 29th annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '06**

Publisher: ACM Press

Full text available: pdf(271.93 KB)   Additional Information: full citation, abstract, references, index terms

> For the task of near-duplicated document detection, both traditional fingerprinting techniques used in database community and bag-of-word comparison approaches used in information retrieval community are not sufficiently accurate. This is due to the fact that the characteristics of near-duplicated documents are different from that of both "almost-identical" documents in the data cleaning task and "relevant" documents in the search task. This paper presents an instance-level constrained clusterin ...

> **Keywords:** clustering, duplicate detection, public comments

19 Comparing the performance of collection selection algorithms

Allison L. Powell, James C. French

October 2003 **ACM Transactions on Information Systems (TOIS)**, Volume 21 Issue 4

Publisher: ACM Press

Full text available: pdf(668.40 KB)   Additional Information: full citation, abstract, references, citings, index terms

The proliferation of online information resources increases the importance of effective and efficient information retrieval in a multicollection environment. Multicollection searching is cast in three parts: collection selection (also referred to as database selection), query processing and results merging. In this work, we focus our attention on the evaluation of the first step, collection selection.In this article, we present a detailed discussion of the methodology that we used to evaluate an ...

Keywords: Collection selection, database selection, distributed information retrieval, distributed text retrieval, metasearch engine, resource discovery, resource ranking, resource selection, server ranking, server selection, text retrieval

20 Beyond intratransaction association analysis: mining multidimensional intertransaction association rules

Hongjun Lu, Ling Feng, Jiawei Han

October 2000 **ACM Transactions on Information Systems (TOIS)**, Volume 18 Issue 4

Publisher: ACM Press

Full text available: pdf(1.31 MB)   Additional Information: full citation, abstract, references, citings, index terms

In this paper, we extend the scope of mining association rules from traditional single-dimensional intratransaction associations, to multidimensional intertransaction associations. Intratransaction associations are the associations among items with the same transaction, where the notion of the transaction could be the items bought by the same customer, the events happened on the same day, and so on. However, an intertransaction association ...

Keywords: association rules, data mining, intra/intertransaction, multidimensional context

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10 next